Release Notes v5.2.1

We just announced a new release of GreenLight, the Monitoring Solution for HCL Domino and others.

This version is a maintenance release with security updates of the underlying components, including the move to Metabase 64, a long-term support release, fixes in Data Miner and the GreenLight web application, and a server address check in the installer.

Recommended Security Update

This release fixes several critical security issues in underlying container infrastructure and application components. We recommend upgrading all GreenLight installations as soon as possible.

A GreenLight upgrade updates the application Docker containers only, not the Linux operating system of the host. This applies to your own Linux installation as well as to virtual appliances supplied by panagenda before 5.2.0: keeping the host's operating system up to date, including its security updates, is the customers' responsibility.

Bring Your Own Linux: New Documentation

Since version 5.2.0, GreenLight runs on a Linux host that you provide, installed with the panagenda installer, and panagenda no longer supplies virtual appliance images. This gives you more flexibility in choosing your virtualization platform and makes it easier to keep the operating system GreenLight runs on up to date.

New documentation now describes the requirements, the installation and the upgrade. Existing appliances keep running and are upgraded with the same installer. See Running GreenLight on your own Linux for the details.

Improvements

- **Allowed Browser Addresses (CORS):** The installer now sets the allowed browser addresses from the server address, unless you set your own value. The CORS question during upgrades is gone.
- **Metabase Site URL and AI Features:** Metabase's Site URL now comes from the server address, and its AI features are off by default. Both are set in the appliance configuration and locked in Metabase's admin settings.
- **Offline Installer:** The offline installer needs much less temporary space.
- **Server Address Check:** On installation and upgrade, the installer checks the address users open GreenLight under and asks only when it is not clear. The new command `gl hostname` shows or changes it.

Infrastructure / Security

- **Java Runtimes:** The Java runtimes of the containers have been updated to versions that fix CVE-2026-114938 ("Java4Shell").
- **nginx 1.30.7:** The web server nginx has been updated from 1.30.3 to 1.30.7, which fixes the "nginx2root" vulnerabilities (CVE-2026-123007 and related; see the nginx security advisories).
- **OpenSSH:** GreenLight is not affected by CVE-2026-123158 ("sshole"); its Alpine-based containers include no SSH server.
- **Alpine Linux 3.24:** Several of the containers that make up the GreenLight application are now based on Alpine Linux 3.24 and include its most current security fixes.
- **Metabase 64:** Metabase has been updated to version 64, a long-term support release with the vendor's current security fixes (see the Metabase security advisories).
- **PostgreSQL 15.20:** The database has been updated from PostgreSQL 15.19 to 15.20, an upstream release with security fixes (see the PostgreSQL 15.20 release notes). The update keeps the existing data directory; no dump and restore is needed.
- **Tomcat 9.0.124 and Domino 12.0.2 FP8:** The GreenLight web application now runs on Tomcat 9.0.124 with the Domino 12.0.2 FP8 libraries.

Bug Fixes

- **Data Miner Login:** Fixed a security issue in the GreenLight login of Data Miner, the login of users whose password is stored in bcrypt form, an issue with the redirects after login and logout, and the error message after a failed login, which showed "undefined".
- **Data Miner Query Requests:** Fixed an issue where a malformed query request could affect Data Miner for all users. Such requests are now refused with an error.
- **Data Miner Requests and Logging:** The request parser has been updated, and the log no longer contains query results or login details. The fixes of Data Miner 2.5.0 are included as well. See What Changes for Administrators below.
- **HTML User Simulation Sensor:** Fixed the sensor with authentication set to None, which requested the server root instead of the configured URL.
- **Installer Configuration File:** Fixed settings added by the installer being joined to the last line of the configuration file.
- **Installer Rollback Advice:** Fixed rollback commands shown after an upgrade that stopped before taking its own snapshot.
- **User Administration:** Fixed an error when enabling or disabling a user without entering a password.

Structural Changes / Upgrade Path

Component Upgrades inside Containers

The following components inside the containers have been updated.

Component	5.2.0	5.2.1
Alpine Linux (several containers)	3.23	3.24
Data Miner	2.1.1	2.5.1
Domino libraries	12.0.2 FP7 IF1	12.0.2 FP8
Metabase	0.62.19.4	0.64.8.3
nginx	1.30.3	1.30.7
PostgreSQL	15.19	15.20
Tomcat	9.0.121	9.0.124

What Changes for Administrators

- **Metabase 64:** The first start after the upgrade updates Metabase's database to version 64. This usually takes a minute or two and cannot be undone: to return to the previous version, restore the backup taken before the upgrade.
- **Server address:** The first upgrade to 5.2.1 checks the server address and may ask you to confirm it. Run the upgrade in an interactive ssh session.
- **Metabase Site URL:** A Site URL set by hand in Metabase is replaced by `https://<server address>/metabase`. To keep a different one, set `PANAGENDA_METABASE_SITE_URL` in `/opt/panagenda/appdata/gl/config`.
- **Data Miner log files:** Log files written before the update may contain query results and login details. Review the older files in `/opt/panagenda/logs/data-miner` and delete those you no longer need.
- **Data Miner query IDs:** Query IDs in API calls and saved URLs must be plain positive numbers; forms such as `007` or `+7` are now refused.
- **Data Miner features retired:** Advanced server-side SQL templates and the downloads from the hosted query store are no longer available.
- **Metabase content:** The upgrade replaces the dashboards and questions panagenda ships. Make your own changes in copies, not in the originals.

Upgrade Procedure: Container Installer

Details on how to update to this new version can be found in the knowledge base article Upgrading GreenLight. Back up the database before you upgrade. The upgrade from 5.2.0 to 5.2.1 has been tested. If you upgrade from 5.0 or 5.1, also read the Release Notes v5.2.0.

Update installer links for version 5.2.1 (only compatible with previous versions 5.x):

Download Online Installer (75 MB - Internet connection required on the appliance)

Download Offline Installer (2 GB)